

Serial No. 10/501,750
Atty. Doc. No. 2002P00211WOUS

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Amendments to the Claims

Claims 1-17 (cancelled).

18. (currently amended) A method for requesting the agreement of a user of a mobile terminal of a mobile radio network to the transfer of their position data to a party requesting this position data, the method comprising:

providing a central privacy location comprising a database server for storing privacy data regarding the mobile terminal, wherein said central privacy location constitutes a separate location from a Home Location Register for the mobile terminal;

defining the privacy data stored in the database server at the central privacy location to assign to the mobile terminal at least one verification rule as to whether an agreement must be obtained on the mobile terminal side to forward the mobile terminal position to the requester;

causing, by the switching center of the mobile radio network, in the case of the arrival of a request from a requester for the position of the mobile terminal in the switching center, the database server at the central privacy location to make a check on the basis of the privacy data stored there;

sending the result of the check performed at the central privacy location to the switching center;

sending, by the switching center, if the result at least indicates that an agreement must be obtained, a request for an agreement to the mobile terminal; and

transmitting the position of the mobile terminal to the , if the requester when an agreement is received from the mobile terminal by the switching center, and not transmitting the position of the mobile terminal to the requester when no agreement is received from the mobile terminal by the switching center, whereby the user of the mobile terminal of the mobile radio network can selectively approve a transfer of position data of the mobile terminal to the party requesting said position data.

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19. (previously presented) The method according to Claim 18, wherein the request arrives at a position data acceptance location of the mobile radio network.

20. (previously presented) The method according to Claim 18, wherein the switching center is an MSC (Mobile Switching Center) or SGSN (Serving GPRS (General Pocket Radio Service) Support Node).

21. (previously presented) The method according to Claim 18, further comprising:
requesting, by the switching center, the position of the mobile terminal from a BSS (Base Station System) or RAN (Regional Area Network) of the mobile radio network.

22. (previously presented) The method according to Claim 18, wherein
a verification rules specification can only comprise a prespecified set of different instructions, especially one of the following instructions: position data transfer without notification, position data transfer with notification to the mobile terminal, position data transfer only after agreement of the mobile station or if no response is received from the mobile station, only transfer position data with the agreement of the mobile station.

23. (previously presented) The method according to Claim 18, further comprising:
storing, for a multiplicity of mobile subscriber identity modules and/or mobile stations, verification rules specifications and identity specifications for the mobile terminal or for a mobile subscriber identity module contained in it.

24. (previously presented) The method according to Claim 18, further comprising:
regularly receiving, by a switching center, especially a Visitor Location Register of a switching center from the Home Location Register of a mobile network the telecommunications address of the database server or receiving it when a mobile terminal registers at the switching center or its Visitor Location Register VLR.

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25. (previously presented) The method according to Claim 18, wherein position data is only transferred to a requester if this is allowed for the period of the recording of the position according to stored conditions for the user of the mobile station or its mobile subscriber identity module through attributes stored in the database.

26. (previously presented) The method according to Claim 18, further comprising:
changing the conditions by the user via their mobile terminal or another terminal by mobile radio, WAP (Wireless Application Protocol), Internet, fixed network or in another way.

27. (previously presented) The method according to Claim 18, wherein the switching center is the mobile switching center currently being used by the mobile terminal .

28. (previously presented) The method according to Claim 18, wherein the database server is arranged in an SCP (Service Control Point).

29. (previously presented) The method according to Claim 18, wherein the database server is a database comprising the verification rules specifications and possibly additional attributes and comprising an additional unit which makes the check.

30. (previously presented) The method according to Claim 18, further comprising:
storing the entries in the database server but, to make upwards compatibility with a Home Location Register, which does not support the improvement of the LCS (Locator Services) Privacy in accordance with the invention, transmitting entries to a mobile network Home Location Register on request or at regular intervals, so that the mobile network Home Location Register can transmit the entries to a switching center.

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31. (previously presented) The method according to claim 30, further comprising
performing a proportion of the checks in accordance with a classification in the
switching center; and
transmitting the result as an additional input parameter to the database server.

32. (previously presented) The method according to claim 31, further comprising
storing the entries in a Home Location Register;
storing only additional attributes in the database server; and
storing the address of the database server in the Home Location Register.

Claim 33. (cancelled)

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34. (currently amended) A computer readable media containing program instructions for requesting the agreement of a user of a mobile terminal of a mobile radio network to the transfer of their position data to a party requesting this position data, the computer readable media comprising:

computer readable code for storing privacy data regarding the mobile terminal in a database server at a central privacy location, wherein said central privacy location constitutes a separate location from a Home Location Register for the mobile terminal;

computer readable code for defining the privacy data stored in the database server at the central privacy location to assign to the mobile terminal at least one verification rule as to whether an agreement must be obtained on the mobile terminal side to forward the mobile terminal position to the requester;

computer readable code causing the switching center, in the event of the arrival of a request from a requester for the position of the mobile terminal, to access the database server at the central privacy location to perform a check on the basis of the privacy data stored there;

computer readable code for sending the result of the check performed at the central privacy location to the switching center;

computer readable code for sending, by the switching center, if the result at least indicates that an agreement must be obtained, a request for an agreement to the mobile terminal; and

computer readable code for transmitting the position of the mobile terminal to the, if the requester when an agreement is received by the switching center, and not transmitting the position of the mobile terminal to the requester when no agreement is received from the mobile terminal by the switching center, whereby the user of the mobile terminal of the mobile radio network can selectively approve a transfer of position data of the mobile terminal to the party requesting said position data.